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IS 4439 (1967): Rayon Velvet [TXD 31: Man-Made Fibres, Cotton and their Products]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard
SPECIFICATION FOR
RAYON VELVET

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Indian Standard

SPECIFICATION FOR RAYON VELVET

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Indian Standard

SPECIFICATION FOR RAYON VELVET

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 29 December 1967, after the draft finalized by the Man-Made Fibre and Fabric Sectional Committee had been approved by the Textile Division Council.

0.2 Rayon velvet is quite a popular export item among rayon textiles. Noting the increase in demand for rayon textiles in overseas countries, the Sectional Committee felt that an Indian Standard on the subject should be formulated covering the most popular qualities of velvet being exported in bulk.

0.3 This standard contains clause 3.2.1, and col 8 and 9 of Table 1 which call for agreement between the buyer and the seller for permitting him to use his option for selection to suit his requirements.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes the constructional details and other particulars of 7 varieties of rayon velvet, dyed.

1.2 This standard does not specify general appearance, feel, etc, of velvet (*see also 3.2*).

2. MANUFACTURE

2.1 Yarn — Continuous filament viscose rayon yarn shall be used in the manufacture of rayon velvet. The approximate denier of warp, pile and weft yarn used in the manufacture of velvet is given in Table 1.

2.2 Fabric — The fabric shall be woven in plain or twill weave. It should be uniformly woven with firm selvedges and should be free from weaving

*Rules for rounding off numerical values (*revised*).

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and processing defects. No uncut pile ends should be visible on the surface of the fabric. The height of cut pile should be uniform throughout the fabric.

3. REQUIREMENTS

3.1 Construction — Rayon velvet shall comply with the requirements of Table 1.

3.2 Sealed Sample — If in order to illustrate or specify the general appearance, feel and other indeterminable characteristics of rayon velvet, a sample has been agreed upon and sealed, the supply shall be in conformity with the sample in such respects.

3.2.1 The custody of the sealed sample shall be a matter of prior agreement between the buyer and the seller.

4. PACKING

4.1 Rayon velvet shall be packed in accordance with the procedure laid down either in IS : 2194-1963* or IS : 2195-1964† as required.

5. MARKING

5.1 Rayon velvet shall be marked with the following:

- a) Name of the material;
- b) Manufacturer's name, initials or trade-mark;
- c) Width and length of piece;
- d) Month and year of manufacture; and
- e) Not fast to washing.

5.1.1 Rayon velvet may also be marked with the ISI Certification Mark.

NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

*Code for seaworthy packaging of man-made fibre fabrics.

†Code for inland packaging of man-made fibre fabrics and man-made fibre yarns.

TABLE 1 PARTICULARS OF RAYON VELVET

(Clauses 2.1 and 3.1)

VARIETY No.	COUNT OF YARN APPROXIMATE				Ends/dm		Picks/dm	WEIGHT PER SQUARE METRE Min	WIDTH cm	LENGTH cm
	Warp	Pile	Wet	Pile	Ground	Pile				
(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)	(9)	(10)
1	11 tex (or 100d)	11 tex (or 100d)	11 tex (or 100d)		296	148	350	160		
2	11 tex (or 100d)	17 tex (or 150d)	17 tex (or 150d)		280	140	330	205		
3	11 tex (or 100d)	17 tex (or 150d)	11 tex (or 100d)		280	140	330	185		
4	13 tex (or 120d)	13 tex (or 120d)	13 tex (or 120d)		234	116	310	155		
5	13 tex (or 120d)	13 tex (or 120d)	13 tex (or 120d)		296	124	360	185		
6	13 tex (or 120d)	17 tex (or 150d)	17 tex (or 150d)		312	188	330	210		
7	33 tex (or 300d)	33 tex (or 300d)	33 tex (or 300d)		296	124	260	305		
TOLERANCE	—	—	—		+5.0	+5.0	+5.0	—	±2	—
PERCENT					-2.5	-2.5	-2.5			
METHODS OF TEST					7.1 of IS: 1963- 1961*		7.2 of IS: 1963- 1961*	7.1.1 of IS: 1964- 1961†	7.2 of IS: 1954- 1961‡	6.4 of IS: 1954- 1961‡

*Method for determination of ends and picks per unit length in woven fabrics.

†Methods for determination of weight per square metre and weight per linear metre of fabrics.

‡Methods for determination of dimensions of fabrics.

6. SAMPLING

6.1 Lot — The quantity of rayon velvet of the same variety delivered to a buyer against one despatch note shall constitute the lot.

6.2 The conformity of the lot shall be determined on the basis of the tests carried out on the samples selected from it.

6.3 Unless otherwise agreed to between the buyer and the seller the number of pieces selected at random from a lot shall be as given below:

<i>Lot Size</i>	<i>Sample Size</i>
Up to 50	3
51 „ 150	5
151 „ 300	8
301 and above	13

6.4 The pieces selected according to 6.3 shall be tested for ground and pile ends and picks per decimetre weight per square metre, and width and length.

6.5 Criteria for Conformity — The lot shall be declared conforming to the requirements of this standard if all the pieces tested according to 6.4 satisfy the relevant requirements for each of the characteristics.

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†Sales Office in Bombay is at Novelty Chambers, Grant Road, 89 65 28
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‡Sales Office in Bangalore is at Unity Building, Narasimharaja Square, 22 36 71
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